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CAY0699/245  
WBS# 48710  
Via FAX & Federal Express

June 17, 1999

Mr. Gerard J. Thibeault  
Executive Officer  
California Regional Water Quality Control Board  
Santa Ana Region  
3737 Main Street, Suite 500  
Riverside, California 92501-3339

**Subject: June 1999, Quarterly Report for Order No. 94-37**

Dear Mr. Thibeault:

The June 1999 quarterly report for Cleanup and Abatement Order 94-37 is attached. The report summarizes technical data generated, progress made, and problems encountered during the reporting period of March, April, and May 1999. Progress on implementation of Containment Work Plan Alternative 5, for the month of May, is also included in this report.

If you have any comments or questions, please call me at (818) 847-0197, or you may contact Mr. Tom Blackman at (818) 847-0791.

Sincerely,

Carol A. Yuge

Enclosure

cc: See attached distribution list

June 17, 1999

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Mr. Gerard J. Thibeault

cc: Kalyanpur Baliga, Calif. Department of Health Services (San Bernardino)  
Tom Bartol, USAF, Norton Air Force Base  
Dodie Farmer, Victoria Farms Mutual Water Company  
Wesley Danskin, United States Geological Survey  
Gary Snyder, City of Loma Linda  
Douglas Headrick, San Bernardino Valley Water Conservation District  
Mike Huffstutler, City of Redlands  
Ross Lewis, Gage Canal Company  
Kevin Mayer, U.S. EPA, Region IX  
Steve Mains, Western Municipal Water District  
Morris Matson, Loma Linda University  
Eugene McMeans, Riverside Highland Water Company  
Zahra Panahi, City of Riverside  
Bob Reiter, San Bernardino Valley Municipal Water District  
Toby Roy, Department of Health Services (San Diego)  
Alain Sharp, Earth Technology Corporation  
Joseph Stejskal, City of San Bernardino  
Dieter Wirtzfeld, City of Riverside

## June 15, 1999, QUARTERLY REPORT

### REGARDING

California Regional Water Quality Control Board  
Clean Up and Abatement Order No. 94-37  
& ALTERNATIVE 5 Implementation Progress

Pursuant to Order No. 94-37, item 10, Lockheed Martin Corporation hereby submits this quarterly report to the Regional Water Quality Control Board, Santa Ana Region. Progress regarding Containment Work Plan, Alternative 5 implementation is also included in this correspondence.

### Technical Data Generated

1. Technical reports associated with Monitoring and Reporting Program No. 98-67-031, NPDES No. CAG98001 were submitted monthly to the CRWQCB under separate cover.
2. Technical data associated with Water Supply Contingency Policy sampling was submitted to the CRWQCB under separate cover in March, April and May 1999. The reports are entitled, "Production Well Sampling Report, Water Supply Contingency Plan, Crafton Redlands Plume Project."

### Progress Made

1. Permitted destruction of former City of Loma Linda well Mountain View #1 was completed in April.
2. Drilling of a new water supply well for the City of Loma Linda began this reporting period on City of Loma Linda property near the location of former City of Loma Linda well, Mountain View #1.
3. Groundwater flow model recalibration to historical water level data was completed in April 1999. The recalibration followed update of the model properties with currently available hydrogeologic information.
4. Update of the Water Supply Contingency Plan for the City of Loma Linda is in progress. The update will be submitted to the Regional Board under separate cover during the next reporting period.

### Problems Encountered

No significant problems were encountered during this reporting period.

**Subject:            Containment Work Plan  
                     Implementation of Alternative 5  
                     Progress Report for December 1998  
                     Reference – CAO No. 94-37  
                     Crafton-Redlands TCE Plume**

This report covers progress made in May 1999 on the tasks required to accomplish the initial phase of Alternative 5.

In March 1999, CEQA negative declarations were granted to allow construction and start-up of temporary TCE treatment systems at City of Riverside Gage wells 26-1 and 27-1. Negative declarations were also granted for the Palm Meadows, Sunnyside, and Tippecanoe regional TCE treatment plants in May. The negative declarations were granted by the City of Riverside.

TCE treatment systems were put into operation at Riverside Gage wells 26-1 and 27-1 in May 1999. The original Alternative 5 schedule called for one well to be in treatment for TCE by September 15, 1999. With the help of the City of Riverside, the Gage Canal Company, the Department of Health Services, the Regional Board, and others, two wells were placed in TCE treatment four months ahead of that schedule. We are grateful to everyone for their assistance on this project. Operations training and treatment system monitoring activity is in progress.

A contractor for regional treatment plant design/build/construct activities was selected during this reporting period (CDM). A schedule is in preparation for construction of the regional TCE treatment plants.

A constructability review of the Tippecanoe regional treatment plant design was completed. The review included input from The City of Riverside, the construction contractor, a peer review team, and Lockheed Martin.